

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S36	383	(sens\$7) and (attenuat\$7) and (A/D or (A/D with convert\$7)) and (photodiode or PD) and (control\$7) and (receiv\$7) and (resistor\$2) and (transistor\$2)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/22 16:55
S37	220	S36 and @py<="2002"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/17 16:08
S38	38	(sens\$7) and (attenuat\$7) and (A/D or (A/D with convert\$7)) and (photodiode or PD) and (control\$7) and (optic\$7 adj receiv\$7) and (resistor\$2) and (transistor\$2)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/17 16:24
S39	1	("4262366").PN.	USPAT; USOCR	OR	OFF	2007/08/17 16:14
S40	14	("4262366").URPN.	USPAT	OR	OFF	2007/08/17 16:17
S41	1	("5448207").PN.	USPAT; USOCR	OR	OFF	2007/08/17 16:24
S42	7	("5448207").URPN.	USPAT	OR	OFF	2007/08/17 17:06
S43	6	(A/D or (A/D with convert\$7)) with ((resistor) and (MOSFET with transistor))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/17 17:08
S44	6	(A/D or (A/D with convert\$7)) with ((resistor\$2) and (MOSFET with transistor\$2))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/17 17:12
S45	3	((A/D or (A/D with convert\$7)) with (coupl\$7) with ((resistor\$2) and (MOSFET with transistor\$2)))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/17 17:14
S46	1	(photodiode or photodetect\$7 or PD) and ((A/D or (A/D with convert\$7)) with (coupl\$7) with ((resistor\$2) and (MOSFET with transistor\$2))))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/17 17:15
S47	1	(photodiode or photodetect\$7 or PD) and ((A/D or (A/D with convert\$7)) with ((resistor\$2) and (MOSFET with transistor\$2)))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/22 16:56
S48	2854	(photodiode or photodetect\$7 or PD) and (A/D or (A/D with convert\$7)) and (attenuat\$7)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/17 17:16
S49	26	S48 and (cascad\$7 with attenuat\$7)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/17 17:20

## EAST Search History

S50	294	(cascad\$7 with attenuat\$7 with stage\$2)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/17 17:20
S51	33	(step with attenuat\$7) and (cascad\$7 with attenuat\$7 with stage\$2)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/17 18:12
S52	11	("5796286").URPN.	USPAT	OR	OFF	2007/08/17 17:57
S53	1	("6489856").PN.	USPAT; USOCR	OR	OFF	2007/08/17 18:02
S54	2	("6489856").URPN.	USPAT	OR	OFF	2007/08/17 18:04
S55	2	("6489856").URPN.	USPAT	OR	OFF	2007/08/17 18:12
S56	1	(photodiode or PD or photodetect\$7) and (step with attenuat\$7) and (cascad\$7 with attenuat\$7 with stage\$2)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/17 18:13
S57	20	(photodiode or PD or photodetect\$7) and (cascad\$7 with attenuat\$7 with stage\$2)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/17 18:14
S58	152	(photodiode or PD or photodetect\$7) and (step with attenuat\$7) and (A/D or (A/D with convert\$7))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/17 18:18
S59	39	(photodiode or photodetect\$7 or PD) and (digit\$7 with step with attenuat\$7)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/17 18:48
S60	540	(optic\$7 adj receiv\$7 adj circuit)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/17 19:30
S61	1	(optic\$7 adj receiv\$7 adj circuit) and (step adj attenuat\$7)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/17 19:31
S62	110	(optic\$7 adj receiv\$7 adj circuit) and (attenuat\$7)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/17 19:33
S63	2	(optic\$7 adj receiv\$7 adj circuit) and (cascad\$7 with attenuat\$7)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/17 19:32
S64	1	(optic\$7 adj receiv\$7 adj circuit) and (multiple with attenuat\$7)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/17 19:33
S65	11	(optic\$7 adj receiv\$7 adj circuit) and (attenuat\$7) and (A/D or (A/D with convert\$7))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/17 19:43
S66	539	(digit\$7 with optic\$7 with receiv\$7) and (attenuat\$7) and (A/D or (A/D with convert\$7))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/17 19:44

## EAST Search History

S67	14	(digit\$7 adj optic\$7 adj receiv\$7) and (attenuat\$7) and (A/D or (A/D with convert\$7))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/17 19:44
S68	2	"6778785"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/21 14:18
S69	1	10/520314	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/21 14:56
S70	323	(control\$7 with voltage) and (cascad\$7 with attenuat\$7) and (capacitor\$2)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/21 15:42
S71	174	S70 and (input with capacit\$7) and (output with capacit\$7)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/21 14:59
S72	111	S71 and @py<="2003"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/21 16:26
S73	52	(control\$7 with voltage) and (multiple with attenuat\$7 with stage\$2) and (capacitor\$2)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/21 16:24
S74	14	((step with attenuat\$7) with (resistor\$2 and transist\$2))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/21 15:49
S76	15	("5563557").URPN.	USPAT	OR	OFF	2007/08/21 16:17
S77	711	(differen\$7 with attenuat\$7 with value\$2) and (capacitor\$2)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/21 16:25
S78	134	S77 and (step with attenuat\$7)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/21 16:33
S79	76	S78 and @py<="2003"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/21 16:26
S80	1	("5563557").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/21 18:00
S82	1	S80 and (capacitor)	US-PGPUB; USPAT	OR	OFF	2007/08/21 18:09
S83	268	(step with attenuat\$7 with circuit) and (capacitor\$2)	US-PGPUB; USPAT	OR	OFF	2007/08/21 18:09
S84	96	S83 and (cascad\$7)	US-PGPUB; USPAT	OR	OFF	2007/08/21 18:10
S85	48	S84 and @py<="2003"	US-PGPUB; USPAT	OR	OFF	2007/08/21 18:19

## EAST Search History

S87	6	(input with push-side) and (output with push-side) and (input with pull-side) and (output with pull-side)	US-PGPUB; USPAT	OR	OFF	2007/08/21 18:37
S88	1	("5351013").PN.	USPAT; USOCR	OR	OFF	2007/08/21 18:38
S89	1	("6144265").PN.	USPAT; USOCR	OR	OFF	2007/08/21 19:21
S90	1	push-pull with cascades with attenuates	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/21 19:22
S91	42	push-pull with attenuates with circuit	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/21 19:23
S92	45	398/210.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/22 16:52
S93	10	398/202.ccls. and ((photodiode or photodetect\$7 or PD) and (A/D or (A/D with convert\$7)) and (attenuates\$7))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/22 16:57
S94	2	455/249.1.ccls. and ((photodiode or photodetect\$7 or PD) and (A/D or (A/D with convert\$7)) and (attenuates\$7))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/22 16:57
S95	23	333/81r.ccls. and ((A/D or (A/D with convert\$7)) and (attenuates\$7))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/22 16:58
S96	16	327/308.ccls. and ((A/D or (A/D with convert\$7)) and (attenuates\$7))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/22 16:58
S97	35	330/254.ccls. and ((A/D or (A/D with convert\$7)) and (attenuates\$7))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/22 16:58